### COMMONWEALTH OF VIRGINIA DEPARTMENT OF EDUCATION

In Re:

IEP.



Due Process Hearing	}	and Decision
R E D	ACTED VERSI	0 N —
Counsel for the Parents and John Doe:	Counsel for Publi Schools:	<u>c</u>
Esq.		Esq.
<del>g</del>		
This matter came to be heard to	upon the request of	Public Schools
("LEA") for an Impartial Due Process	hearing under the Indiv	iduals with Disabilities Education
Act ("IDEA"), 20 U.S.C. §1400 et sec	1, and the Regulations C	overning Special Education
Programs for Children with Disabiliti	es in Virginia (the "Virg	inia Regulations" or "Va. Regs.").
LEA seeks approval to implement the	2001-2002 Individualiz	ed Education Program ("IEP") it
proposed for at an	IEP team meeting on	001. parents,
, withheld th	eir consent for the 2001-	-2002 IEP because it did not

Request for the due process hearing was made by LEA on 2001. On 2001, LEA gave notice of the request to the parents, and included information on

include a non-fluorescent lighting accommodation which had been included in

their procedural rights, low cost legal assistance and voluntary mediation.

The due process hearing was held before the undersigned hearing officer over four days, 2002 and 2002 in , Virginia. In addition, the testimony of an expert for LEA was taken by telephone on 2002. All sessions were opened to the public and were transcribed by a court reporter. The parents appeared in person at the hearing and were represented by counsel. The parents elected not to have present. The school system was represented by \_\_\_\_\_\_, Director of Special Education and Student Services, and by counsel. Both parties made closing arguments and submitted post hearing legal authority. FINDINGS OF FACT was born on \_\_\_\_\_ is currently a first grader at \_\_\_\_\_ Elementary School in the \_\_\_\_\_ public schools system. \_\_\_\_\_ with parents and an older sister. In 1996, when was a pre-schooler at the Preschool in \_\_\_\_\_, parents observed that peech was regressing. was referred to a speech therapist for evaluation. She found indications of autism and, ultimately, in November 1996, pediatrician, \_\_\_\_\_\_, M.D., diagnosed with autism.1 autistic behaviors have included self head hitting, hand licking, spinning, focusing on certain toys, repeating lines from scripts, hand flapping, oppositional behavior, difficulty with For the purposes of the IDEA, autism is a developmental disability significantly affecting verbal and nonverbal communication and social interaction, generally evident before

age 3, that adversely affects a child's educational performance. Other characteristics often associated with autism are engagement in repetitive activities and stereotyped movements,

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experiences. 34 C.F.R. § 300.7(c)(1)(i).

resistance to environmental change or change in daily routines, and unusual responses to sensory

transitions, separation anxiety, sleeplessness and other hyperactive behaviors. All of these behaviors have been present in at least since preschool years, however the intensity and frequency of the behaviors has varied.

1997 as developmentally delayed and speech/language impaired. In 1999, special education eligibility committee changed special education designation to autism with speech language impairment, which the parents and LEA agree remains the correct designation. has received special education services through LEA since 1997, focusing on one-on-one Applied Behavior Analysis ("ABA") instruction.

In early 1997, the parents began to suspect that as a result of autism, was sensitive to flourescent lighting. According to father, a physician specializing in \_\_\_\_\_\_, autistic children have a central nervous system dysfunction. There are theories that autistic children are not able to process normally the flickering or humming of fluorescent lights, resulting in abnormal behavior and abnormal perceptions in some autistic children. father has observed that when is exposed to flourescent lighting, typical autistic behaviors become magnified: "So if is hyperactive, becomes more hyperactive. If not focused, becomes even less focused. If has repetitive behaviors, has more repetitive behaviors.

If does a little bit of spinning, now does lots of spinning. If had some tantrums, now.

ABA therapy is a form of treatment for autistic preschoolers that was developed by Dr. Ivar Lovaas at the Princeton Child Development Institute and consists of breaking down activities into discrete individual tasks and rewarding the child's accomplishment. The child eventually learns to integrate the information and associate instruction with a given activity. See Malkentzos v. DeBuono, 923 F. Supp. 505, 509 (S.D.N.Y. 1996), remanded on other grounds, 102 F.3d 50 (2d Cir. 1996).

has more tantrums. If had oppositional behavior, that increases as well."

has never been formally tested for sensitivity to fluorescent lighting. According to testimony from experts for both the parents and the school system, no medical test currently exists to determine whether a child is sensitive to fluorescent lighting. While, it might be possible to set up a single child case study (functional analysis) to conclude whether fluorescent lights have a negative effect on there was no evidence of an established protocol. Neither LEA nor the parents has requested a functional analysis. is currently receiving long term DMSA chelation therapy to remove mercury from body, which may continue for 6 to 18 months. The parents would be willing for to have a functional analysis for fluorescent light sensitivity after the chelation therapy is over.

IEP for 2000-2001 kindergarten school year, signed in 2000, notes in the Present Level of Educational Performance ("PLEP") section that "Environmental and dietary sensitivities reported to affect behavior include reactions to casein and gluten, and fluorescent lights." "No fluorescent lights" was included as an IEP accommodation. Both the PLEP note and the accommodation on fluorescent lights were put in the IEP because the parents requested it. The LEA special education staff had not observed that had any sensitivity to fluorescent lights and, at that time, LEA had not received confirmation from health care providers that should not be exposed to fluorescent lights.

For the 2000-2001 school year, was to matriculate from \_\_\_\_\_\_ Preschool to LEA's \_\_\_\_\_ Elementary School. At the time the 2000 IEP was prepared, LEA had planned to place \_\_\_\_\_ in a self-contained classroom with less than 10 children. In order to provide the no fluorescent lights accommodation, LEA intended to turn off the overhead lights

and use halogen lamps. In 2000, the parents requested that be placed in a regular
kindergarten classroom and IEP was revised. An accommodation in the revised IEP provided
there would be no fluorescent lights in classroom. LEA was unable to change the lights in
the regular classroom by the beginning of the school year. parents agreed that could
be temporarily placed in the regular classroom with fluorescent lights. The fluorescent lights
remained in classroom until 2000.
When started kindergarten at School in September 2000,
mother observed immediate changes in behavior at home which she attributed to
classroom exposure to fluorescent lighting. According to mother, became
hyperactive every evening. Beginning on Wednesdays, sleep disorders started along with hand
licking and other "major activities." Concerned by these changes, the parents took out of
school on 2000 and did not send back until 2000, when the
fluorescent lights in classroom had been replaced with incandescent lights. Emmother
testified that increased hyperactive behaviors at home diminished after stopped going
to school on 2000 and they did not return.
School also observed thatautistic behaviors increased
after started kindergarten in September 2000, including atypical aggressive behaviors. For
example, on, reported in, reported in
ABA journal that hit and bit her, something had never done before. LEA, however,
attributed those changes to the transition from Preschool to kindergarten at
, LEA's contract autism specialist,
children with autism typically have problems with transitions.

On , 2000,	mother asked, a LEA Special
Education Coordinator, about the sta	tus of providing non-fluorescent lights in
School classroom	told mother that there was no medical
prescription for the accommodation.	mother immediately obtained a prescription from
developmental pediatrician, _	, M.D. Dr's
2000 prescription stated, "It is medic	cally necessary for to not be exposed to any
fluorescent lighting. The duration of	f the medical treatment is indefinite."
Over the 2000-2001 school y	ear, the LEA staff responsible for special education
program became convinced that ther	e was no correlation between autistic behaviors and
the presence or absence of fluoresce	nt lighting. In March 2001, Special Education Coordinator _
wrote Dr	to ask for a clarification of no fluorescent lighting
prescription. Drresp	ponded that could not make an accurate clinical
recommendation on conditio	n. After further inquiry from LEA, Dr wrote
in 00.1 that "Children with	autism, such as , have many problems and fluorescent
lighting can affect them adversely."	provided no further details on how fluorescent lighting
effected In a 2001 pre-II	EP meeting, the LEA staff told mother that LEA
would not agree to a no fluorescent	lighting accommodation in 2001-2002 IEP. In
2001,, LEA's Sp	ecial Education Director provided an IEP Prior Notice form
to parents that LEA would re	efuse to include a classroom accommodation of no fluorescent
lights in 2001-2002 IEP. No	otwithstanding, LEA agreed to continue to provide non

fluorescent lighting in classroom for the 2001-2002 school year.3

In the 2001-2002 IEP proposed by LEA, there was no accommodation for no flourescent lights and no statement of environmental sensibilities in the PLEP section. The IEP team, including mother and the parents' attorney, discussed the no fluorescent lights accommodation at a 3½ hour IEP meeting on 2001, but no agreement was reached.

The importance of the proposed IEP "except the refusal of the School District to acknowledge the deleterious effects of fluorescent lighting on and provide appropriate accommodations excluding exposure to fluorescent lighting in IEP." There was a follow-up IEP meeting on 2001 which mother and the parents' attorney also attended. Changes were made to the IEP accommodations, but LEA still refused to include a no fluorescent lighting accommodation and the parents did not consent to the IEP.

Department of Education ("VDOE") that LEA had changed IEP to remove the no fluorescent lighting accommodation without parental consent. VDOE held in a letter of finding dated 2001 (the "LOF") that LEA had inappropriately removed the no fluorescent lighting accommodation from 2001-2002 IEP and that to resolve the dispute, LEA had to either obtain parent consent, or "challenge the appropriateness of this accommodation through mediation or a due process hearing." After the LOF was upheld on appeal, LEA requested a due process hearing under the Individuals with Disabilities Education Act (IDEA").

School regular classroom for 2001-2002 is the same classroom from which the fluorescent lighting was removed in November 2000. Except for a 26 day period at the beginning of the 2000-2001 school year, the beginning of the School classroom.

dispute, had to either obtain parent consent, or "challenge the appropriateness of this accommodation through mediation or a due process hearing." After the LOF was upheld on appeal, requested a due process hearing under the Individuals with Disabilities Education Act (IDEA").

#### DECISION

In order to qualify for federal financial assistance under IDEA, a State must demonstrate that it "has in effect a policy that assures all children with disabilities the right to a free appropriate public education." 20 U.S.C. § 1412(1). The parents contend that could not receive a free appropriate public education "FAPE" under proposed IEP that did not include an accommodation to limit fluorescent light exposure. In addition, the parents object to the IEP because it omits acknowledgment of alleged environmental sensibilities in the PLEP section and because they allege that did not comply with required IDEA procedures in drafting the IEP. maintains that its proposed IEP met the requirements of IDEA and the Virginia Regulations and that an receive FAPE without the lighting accommodation.

I. Eligibility for Special Education Services

The parents and agree that is a child with a disability as defined by IDEA and the Virginia Regulations. The identification of disabling condition in the proposed is Autism/Speech Language Impaired. I find that this identification of disability, with which the parents agree, is supported by the record, including Special Education Eligibility Committee Summary.

II. Notice Requirements

accommodation for no fluorescent lighting in the classroom. I find that the burden of proof rests with the school system to show that its proposed 2001-2002 IEP for without any lighting accommodation, is adequate under IDEA and the Virginia Regulations. See, e.g., Brian S. v. Vance, 86 F.Supp. 2d 538, 142 Ed. Law Rep. 828 (D.Md. 2000) (Holding that when a change is sought in an existing IEP, the party seeking the change should have the burden of proof); Board of Educ. of County of Kanawha v. Michael M., 95 F.Supp.2d 600 (S.D.W.Va.2000). The parents argue, incorrectly, that LEA must also prove that the parents' proposed IEP, with an accommodation limiting fluorescent lighting exposure, is not appropriate. LEA's burden is only to show by a preponderance of the evidence that its proposed IEP was reasonably calculated to confer some educational benefit on See Board of Educ. of County of Kanawha v. Michael M., 95 F.Supp.2d 600, 144 Ed. Law Rep. 187 (S.D.W.Va. 2000).

# B. Appropriateness of the 2001-2002 IEP

In determining whether an IEP is appropriate and whether the school system has fulfilled its obligations to provide a student with FAPE, the proper inquiry is twofold. See Board of Educ. v. Rowley, 458 U.S. 176, 206, 102 S.Ct. 3034, 73 L.Ed.2d 690 (1982). (1) whether LEA has complied with the IDEA's procedural requirements in developing and implementing the IEP and (2) whether LEA's proposed 2001-2002 IEP is "reasonably calculated" to enable to receive educational benefits. See id. at 206-07. The failure to meet the procedural requirements of the Act itself is an "adequate groun[d] ... for holding that a school failed to provide ... a FAPE." Hall v. Vance County Bd. of Educ., 774 F.2d 629, 635 (4th Cir.1985).

## 1. Procedural Requirements

The parents contend that LEA violated IDEA's procedural requirements by not consulting

the parents before removing the no fluorescent lights accommodation from the proposed 2001-2002 IEP. The evidence is clearly to the contrary. The parents, especially mother, have always been active members of IEP team and they were fully involved in the process of developing the 2001-2002 IEP. mother learned at the pre-IEP meeting in 2001 that LEA did not believe that needed a no fluorescent lighting accommodation. The issue was also discussed during lengthy IEP meetings attended by mother and the parents' attorney on and 2001. In some cases, the parents, although involved in the process of developing the IEP, will ultimately disagree with the substantive content of the IEP. That is not a procedural violation. See Board of Educ. of Montgomery County v. Brett Y, 155 F.3d 557 (Table, Text in WESTLAW), Unpublished Disposition, 1998 WL 390553 (4th Cir. 1998). I find that LEA complied with IDEA's procedural requirements in developing the 2001-2002 IEP.

### 2. Substance of IEP

The second prong of the *Rowley* inquiry is whether LEA's proposed 2001-2002 IEP was "reasonably calculated" to enable to receive educational benefits. *See Rowley*, 458 U.S. at 206-07. IDEA does not require the furnishing of every special service necessary to each disabled child's potential. Instead, school districts are merely required to provide a "basic floor of opportunity to every child with a disability. However, a school district cannot discharge its duty under IDEA by providing a program that provides only *de minimis* or trivial academic advancement." *See Carter v. Florence County Sch. Dist. Four*, 950 F.2d 156, 160 (4th Cir. 1991). "IDEA does not promise perfect solutions . . . The Act sets more modest goals: it emphasizes an appropriate, rather than an ideal, education; it requires an adequate, rather than an optimal, IEP." *Board of Educ. of Montgomery County v. Brett Y, supra*, 1998 WL 390553.

In this case, the LEA's burden is not to disprove that fluorescent lighting affects but rather, to establish that its proposed 2001-2002 IEP was adequate, without the lighting accommodation, to enable to receive educational benefit. As explained below, I find that LEA has met that burden.

i.

Whether and to what degree fluorescent lighting affects autistic children was not well established at the hearing. There apparently is widespread belief in the autism community that fluorescent lighting could affect some children with autism, but aside from anecdotal observations, there is scant proof of this effect. In the only study cited by the parents, researchers studied six male autistic children. Five of the six subjects showed significantly increased repetitive autistic behaviors under fluorescent illumination compared to under incandescent illumination. As the authors noted however, no firm conclusions could be made from their findings without first observing "effects across many days and over a wider sample of autistic subjects." Colman, Frankel et al., "The Effects of Fluorescent and Incandescent Illumination upon Repetitive Behaviors in Autistic Children," Journal of Autism and Childhood \*\*

Schizophrenia, 6.2 (1976): 157-162.

observations.	Neither Dr	nor	the parents' witnesses could cite any other
scientific liter	ature or research whi	ich concluded th	at students with autism should not be under
fluorescent li	ghting.		
The p	arents introduced evi	dence that	developmental pediatrician,
, M.D.,	wrote a prescription	for in	2000 stating that it was medically
necessary for	not to be expos	ed to any fluore	scent lighting. When LEA later attempted to
obtain clarific	cation of the prescrip	tion, Dr	wrote on 2001 that she had
not seen	in her office since	2000 and co	uld not make an accurate clinical
recommenda	tion on condit	ion. In another	letter, dated2001, Dr
wrote, withou	ut elaboration, that	has shown s	ensitivity to fluorescent lighting.
testified that	Dr	drew her conclu	usions about sensitivity from reports
from	parents and she had n	ot observed hov	behaved in fluorescent lights and outside
of fluorescen	t lights.		
Anot	her of physicia	ans,	_, M.D., a family practitioner and
environment	al medicine specialis	t, also issued a p	prescription in stating, without
elaboration,	that needs to be	in an environm	ent where no fluorescent lighting is used.
Neither Dr.	nor I	Or	opined that could not receive FAPE
in a fluoresc	ent light environmen	t and neither phy	vsician testified at the hearing. The physicians'
prescriptions	s, standing alone and	without other su	ubstantiation, are unpersuasive.
The	parents' other eviden	ce about	alleged sensitivity to fluorescent lighting was
mostly based	d upon their own obs	ervations. They	testified that exhibited significantly
increased au	tistic behaviors wher	was expose	d to fluorescent lighting, principally in the fall of

2000, at School School stather observed that when was exposed to fluorescent
lighting in a classroom, who normally does not sleep much, slept even less. was more
hyperactive than usual, less focused, less responsive, and exhibited more spinning and more of
the oppositional types of behavior. mother testified that when classroom had
fluorescent lighting, had sleep disorders, was hyperactive, and exhibited increased hand
licking behavior, one of ABA therapists, also observed that
was "a little more hyperactive" and at times more aggressive during this period.
LEA agrees that showed increased autistic behaviors when began at
School is 2000, but they attribute the behaviors to transition reactions in adjusting to
a new school that are typical for and other autistic children. LEA points out that Dr
, pediatrician, reported in 2000 that had transition issues.
Whatever effect fluorescent lighting may have had on autistic behaviors in
2000 when was exposed to fluorescent lights in classroom, the evidence
establishes that exhibited the same behaviors, at varying frequency and intensity, both
before enrolled at School and after the fluorescent lights in classroom
were removed. For example, solong term ABA instructor,, a witness for the
parents, testified that boserved head hitting, hand licking, spinning and other autistic
behaviors long before started at ABA journal, shows that these behaviors
continued after incandescent lighting was installed in classroom and returned to school
in000. In sum, from the evidence presented at the hearing in this matter, I find that
any conclusion about the effect of fluorescent lighting on would be speculative.

As I have written, LEA's burden is not to disprove that flourescent lighting affects

LEA only has to show that its proposed 2001-2002 IEP was reasonably calculated to enable to receive educational benefit. It is undisputed that received substantial educational benefit in kindergarten under the 2000-2001 IEP at School. During the first part of that year, before incandescent lights were installed in classroom, I find that did receive educational benefit when exposed to fluorescent lighting. For example, ABA log which begins on 2000, contains entries indicating satisfactory progress on 2000. mother testified that did make progress in ABA program during this period.

LEA's proposed 2001-2002 IEP continued an equivalent or higher level or special education and related services for except for the lighting accommodation. The LEA special education staff witnesses, all of whom had observed and are very knowledgeable about disability, stated their opinions that did not need the no fluorescent lighting accommodation to continue to receive educational benefit under IEP. Based upon their testimony and the evidence of receiving educational benefit during the 2000-2001 school year, as well as the lack of persuasive evidence that exposing to fluorescent lighting at school would prevent from receiving educational benefit, I find that LEA has established that its proposed 2001-2002 IEP was reasonably calculated to enable to receive educational benefit.

iii.

The parents also allege that LEA's proposed 2001-2002 IEP was inadequate because it omitted describing environmental sensitivities in the section on Present Level of

Educational Performance ("PLEP"). The PLEP section in 2000-2001 IEP stated that "Environmental and dietary sensitivities reported to affect behavior include reactions to casein and gluten, and fluorescent lights. It does not eat anything at school not provided by parents." The parents evidently contend that similar language should be included in the PLEP section of the 2001-2002 IEP.

Under the regulations issued by the U.S. Department of Education and the Virginia

Department of Education, the PLEP must contain a statement of the child's present levels of educational performance, including how the child's disability affects the child's involvement and progress in the general curriculum. See 34 CFR § 300 Appendix A, Question 1. Since I have found that can receive educational benefit without a fluorescent light limitation, this alleged sensitivity does not need to be included in the PLEP section. LEA does not contest dietary sensitivities, however there was no evidence that the dietary sensitivities affect involvement and progress in the general curriculum. Therefore I find that LEA is not required to include a statement of environmental and dietary sensibilities in the PLEP section of

#### ORDER

For the reasons set forth above, it is hereby ordered as follows:

LEA may adopt and implement its proposed 2001-2002 IEP for in conformity with this decision. If there are reasons for additional changes to the IEP that have arisen since the 2001 team meeting, LEA shall

The evidence during the hearing of dietary sensibilities was uncontested. Whether or not these sensibilities are listed in the PLEP section of IEP, LEA should continue to take appropriate measures to assist the parents to prevent from ingesting foods to which has known allergies.

- promptly convene IEP team to address any such issues.
- The parents' request for relief in this due process hearing is denied.
- 3. LEA shall develop an implementation plan within 45 calendar days of the date of this decision which must state how and when this decision will be put into operation. The implementation plan shall include the name and position of a case manager charged with implementing the decision. Copies of the plan shall be forwarded to the parties to the hearing, the hearing officer and the Virginia Department of Education.



2002